

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10041856
	Filing Date	2002-01-07
	First Named Inventor	Susan Slaughaupt
	Art Unit	1634
	Examiner Name	Carla J. Myers
	Attorney Docket Number	13572-105039US1

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

/Carla Myers/ 11/06/2007

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaugenhaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

/CM/	1	Liebert, et al., 1993, "Identification of Simple Sequence Repeat (SSR) Polymorphisms on Human Chromosome 9," Second International Chromosome 9 Workshop, Cytogenetics and Cell Genetics, vol. 64, p. 116, 1993	<input type="checkbox"/>
/CM/	2	Slaugenhaupt et al., 1993, "Physical Mapping of the Familial Dysautonomia Gene Region of Human Chromosome 9," Second International Chromosome 9 Workshop, Cytogenetics and Cell Genetics, vol. 64, p. 120, 1993	<input type="checkbox"/>
/CM/	3	GDB Home, Amplimer --Name D9S310 Accession I.D. No. GDB 548985 (Apr. 1995), Downloaded from <<http://www.gdb.org>> on October 29, 2007	<input type="checkbox"/>
/CM/	4	GDB Home, Amplimer --Name D9S309, Accession I.D. No. GDB: 548966 (Apr. 1995), Downloaded from <<http://www.gdb.org>> on October 29, 2007	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Carla Myers/	Date Considered	11/06/2007
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaughaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	
/CM/	1	5998133		1999-12-07	Blumenfeld et al.	
/CM/	2	6262250		2001-07-17	Blumenfeld et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	
/CM/	1	20020168656		2002-11-14	Rubin et al.	
/CM/	2	20030092019		2003-05-15	Meyer et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	T ⁵
/CM/	1	02/059381	WO		2002-08-01	Slaughaupt et al.	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaughaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

/CM/	2	93/24657	WO		1993-12-09	Blumenfeld et al.	<input type="checkbox"/>
/CM/	3	01/68917	WO		2001-09-20	Blumenfeld et al.	<input type="checkbox"/>
/CM/	4	2722295	FR		1996-01-12	Roussy Inst Gustave	<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
/CM/	1	Mull et al., "Isolation and Characterization of a Novel Human Transcript in the Familial Dysautonomia Candidate Region on Human Chromosome 9q31," Am. J. Human Genetics, 65(4) A37, October 1999	<input type="checkbox"/>
/CM/	2	Gill et al., "Genomic Structure and Localization of the IKBKAP Gene to the Familial Dysautonomia Candidate Region on 9q31," Am. J. Human Genetics, 65(4) A186, October 1999	<input type="checkbox"/>
/CM/	3	Gill et al., "Survey of Ashkenazi Jewish SNPs in a 471 kb Region of Chromosome 9q31 as Compared to the Public SNP Database (dbSNP)," The American Journal of Human Genetics, vol. 69, no. 4, October 2001	<input type="checkbox"/>
/CM/	4	Slaughaupt et al., "Characterization of the Splicing Mutation in IKBKAP that Causes Familial Dysautonomia," The American Journal of Human Genetics, A2763, vol. 69, no. 4, October 2001	<input type="checkbox"/>
/CM/	5	Leyne et al., "Complete Genomic Sequence of the 471 kb Familial Dysautonomia Candidate Region on Chromosome 9q31," The American Journal of Human Genetics, vol. 65, no. 4, October 1999	<input type="checkbox"/>
/CM/	6	Slaughaupt et al., "Saturation of the Genetic Map and Expansion of the Physical Map Surrounding the Familial Dysautonomia Gene on Human Chromosome 9," Annals of Human Genetics, vol. 61, part 3, p.223, May 1997	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaughaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

ICM/	7	Blumenfeld et al., "Carrier Diagnosis of Familial Dysautonomia Using Linkage Disequilibrium Analysis," The American Journal of Human Genetics, vol. 59, no. 4, October 1996	<input type="checkbox"/>
	8	Slaughaupt et al., "Refinement of the Candidate Region and Isolation of Candidate Genes for Familial Dysautonomia on Human Chromosome 9q31," The American Journal of Human Genetics, vol. 59, no. 4, October 1996	<input type="checkbox"/>
	9	Leyne et al., "Analysis and Complete Genomic Sequence of the Refined 178 kb Familial Dysautonomia Candidate Region Chromosome 9q31," The American Journal of Human Genetics, vol. 67, no. 4, October 2000	<input type="checkbox"/>
	10	Blumenfeld et al., "Localization of the Gene for Familial Dysautonomia on Chromosome 9 and Definition of DNA Markers for Genetic Diagnosis," Nature Genetics, vol. 4, pp.160-164, June 1993	<input type="checkbox"/>
	11	Eng et al., "Prenatal Diagnosis of Familial Dysautonomia by Analysis of Linked CA-Repeat Polymorphisms on Chromosome 9q31-q33," American Journal of Medical Genetics, vol 59, pp.349-355, 1995	<input type="checkbox"/>
	12	Blumenfeld et al., "Precise Genetic Mapping and Haplotype Analysis of the Familial Dysautonomia Gene on Human Chromosome 9q31," American Journal of Medical Genetics, vol. 64, pp. 1110-1118, 1999	<input type="checkbox"/>
	13	Chadwick et al., "Cloning, Mapping, and Expression of a Novel Brain-Specific Transcript in the Familial Dysautonomia Candidate Region on Chromosome 9q31," Mammalian Genome, vol. 11, pp. 81-83, 2000	<input type="checkbox"/>
	14	Cuajungco et al., Society for Neuroscience Abstracts, 27(2), p. 2061, November 10-15, 2001	<input type="checkbox"/>
	15	Leyne et al., Am. J. Med. Genetics, vol. 118A, pp. 305-308, 2003	<input type="checkbox"/>
	16	Demacio et al., Genome, vol. 44, pp. 990-994, 2001	<input type="checkbox"/>
↓	17	Hirschhorn et al., Genetics in Medicine, vol. 4, no. 2, pp. 45-61, March 2002	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaugenhaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

/CM/	18	Ioannidis, Nature Genetics, vol. 29, pp. 306-309, November 2001	<input type="checkbox"/>
	19	Oddoux et al., Prenatal Diagnosis, vol. 15, pp. 817-826, 1995	<input type="checkbox"/>
	20	Coli et al., "Genomic Organization and Chromosomal Localization of the mouse for IKBKAP Gene," Gene, 279:81-89, 2001	<input type="checkbox"/>
	21	English Abstract of FR 2722295	<input type="checkbox"/>
	22	Lathrop et al., 1988, "Mapped set of Genetic Markers for Human Chromosome 9," Genomics 3:361-366	<input type="checkbox"/>
	23	Proceedings of the 8th International Congress of Human Genetics, Washington, D.C., USA, Oct. 6-11, 1991. AM J Hum Genet 49 (4 Suppl.). 1991. 336. Coden: AJHGAG ISSN: 0002-9297 6--(C) File Biosis Blumenfeld A., et al., "Advances in Linkage Analysis in Familial Dysautonomia"	<input type="checkbox"/>
	24	Blumenfeld A. et al. Linkage Analysis in Familial Dysautonomia, Bonne-Tamir, B. and A. Adam (Ed.) Genetic Diversity Among Jews: Disease and Markers of the DNA Level; Goodman's International Conference Israel, Jun. 1990, XXVIII +460P. Oxford University Press: New York, New York, USA, pp. 179-193	<input type="checkbox"/>
	25	Blumenfeld et al., 1993, "Exclusion of Familial Dysautonomia from More than 60 Percent of the Genome" J. Med Genet 30 (1):47-52. ISSN: 0022-2593 2	<input type="checkbox"/>
	26	Kwaitkowski, et al., 1992, "Construction of a GT Polymorphism Map of Human 9q" Genomics 12:229-240	<input type="checkbox"/>
	27	Wilkie et al., 1992, "Linkage Map of Human chromosome 9 Microsatellite Polymorphisms" Genomics 12:607-609	<input type="checkbox"/>
↓	28	Trofatter et al., 1991, "Dinucleotide Repeat Polymorphism at the Debrisoquine 4-hydroxylase (CYP2D) Locus" Nucleic Acid Research 19(10):2802	<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaughaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

/CM/	29	Browne et al., 1991, "Dinucleotide Repeat Polymorphism at the DXS538 Locus" Nucleic Acid Research 19(5):1161	<input type="checkbox"/>
	30	Tsilifidis et al., 1991, "An SstI RFLP Detected by the Probe pKE2.1(D19S116) Localized to Human Chromosome 19q13.3" Nucleic Acid Research 19(5):1158	<input type="checkbox"/>
	31	Bowen et al., 1991, "AatII Polymorphism in Von Willebrand factor Gene at Codon 471" Nucleic Acids Research 19 (11):3159	<input type="checkbox"/>
	32	Altherr et al., 1991, "A Highly Polymorphic VNTR Locus on the Long Arm of Chromosome 4" Nucleic Acid Research 19 (5):1168	<input type="checkbox"/>
	33	Weissenbach et al., 1992, "A Second Generation Linkage Map of the Human Genome" Nature 359:794-801	<input type="checkbox"/>
	34	Povey, et al., 1994, "Report on the Third International Workshop on Chromosome 9" Ann. Am. Genet, 58:177-199	<input type="checkbox"/>
↓	35	Pericak-Vance, et al., 1995, "Report on the Fourth International Workshop on Chromosome 9," Ann. Hum. Genet. 59:347-365	<input type="checkbox"/>
	36		<input type="checkbox"/>
	37		<input type="checkbox"/>
	38		<input type="checkbox"/>
	39		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10041856
Filing Date	2002-01-07
First Named Inventor	Susan Slaugenhaupt
Art Unit	1634
Examiner Name	Carla J. Myers
Attorney Docket Number	13572-105039US1

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Carla Myers/	Date Considered	11/01/2007
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

RELATED CASE SUBMISSION		Attorney Docket: 13572-105039US1		Serial No.: 10/041,856		
		Applicant: Susan Slaughaupt et al.				
		Filing Date: January 7, 2002		Group And Unit: 1645		
RELATED PENDING APPLICATIONS						
Examiner Initial		Serial No.	Filing Date	Inventor(s)	Patent No. (if applicable)	Issue Date (if applicable)
Gm	1	11/073,203	March 4, 2005	Susan Slaughaupt et al.		
	2	10/806,573	March 22, 2004	Anat Blumenfeld et al.		
	3	10/221,836	October 1, 2003	Anat Blumenfeld et al.		
	4	08/480,655	June 7, 1995	Anat Blumenfeld et al.	5,998,133	December 7, 1999
	5	09/455,683	December 7, 1999	Anat Blumenfeld et al.	6,262,250	July 17, 2001
✓	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
Examiner Carla Myers			Date Considered 11/21/07			